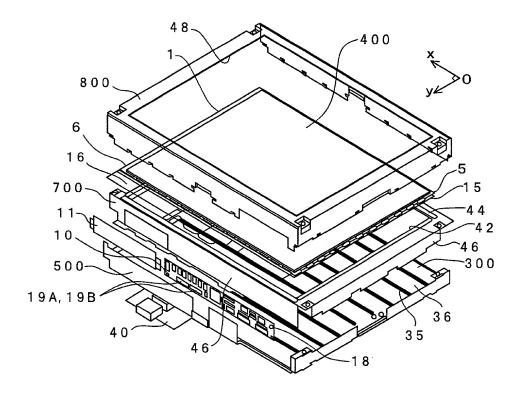
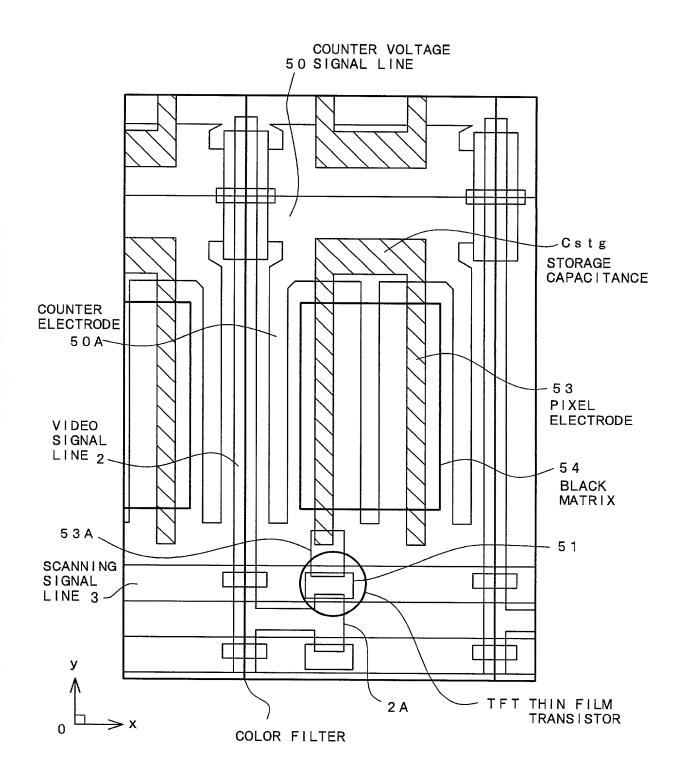


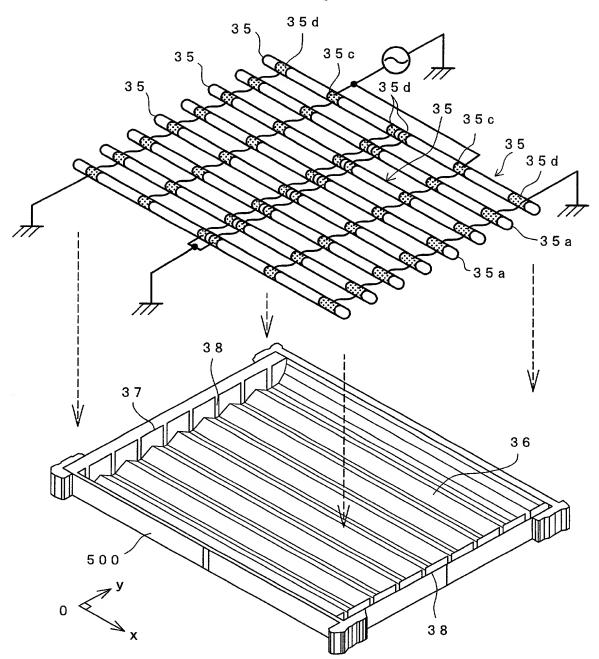
F I G. 2



F I G. 3



F I G. 4



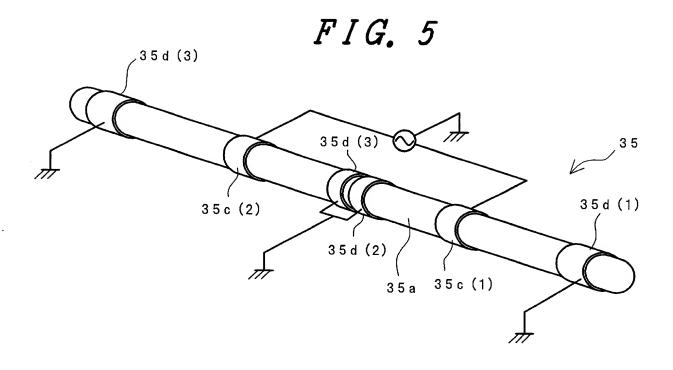
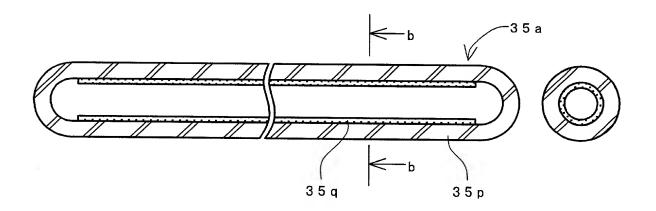
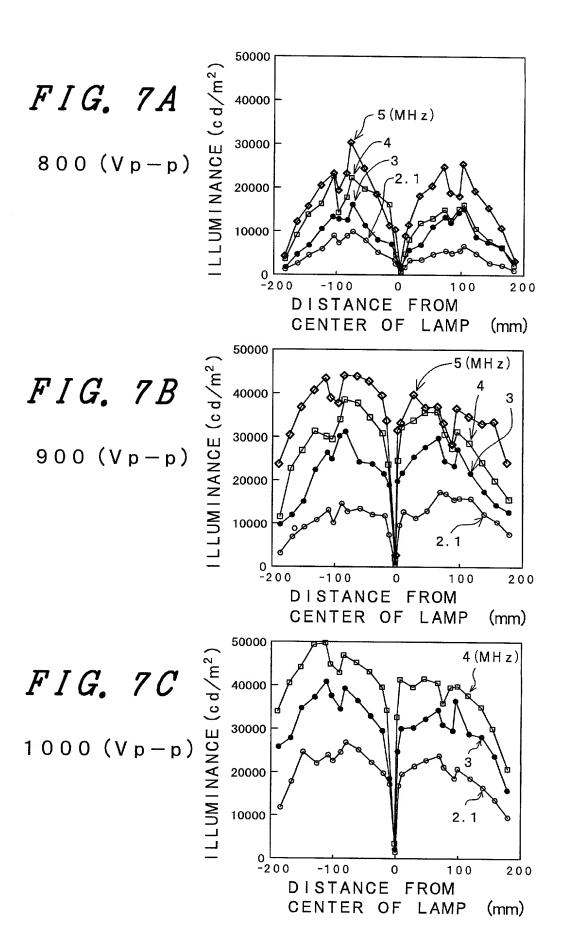
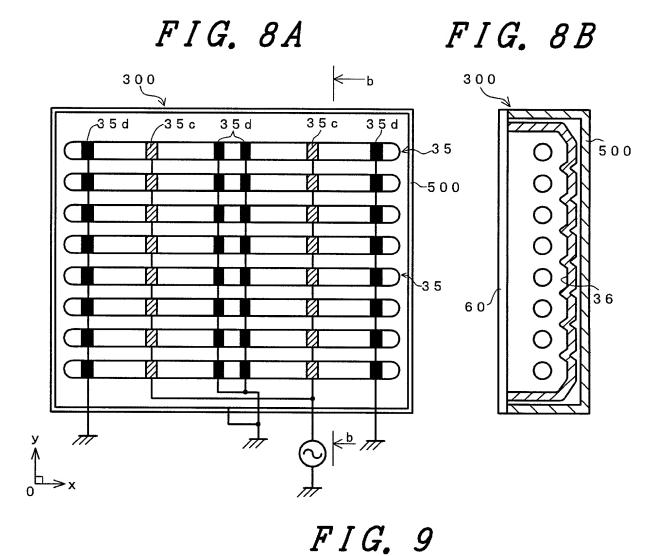


FIG. 6A

FIG. 6B







4000 W 2000 W 2000 W 2000 W 3000 900 800 800 FREQUENCY

FIG. 10

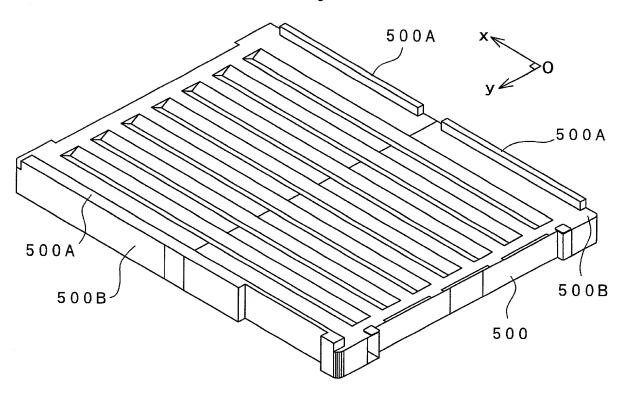


FIG. 11

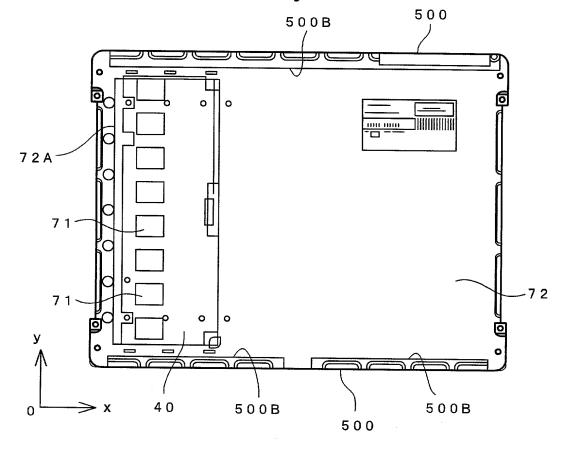


FIG. 12

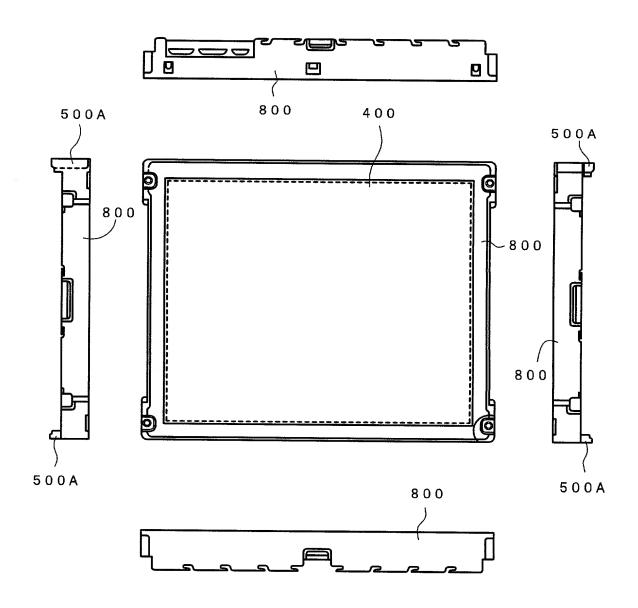


FIG. 13

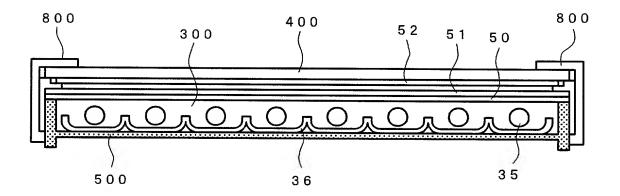


FIG. 14A

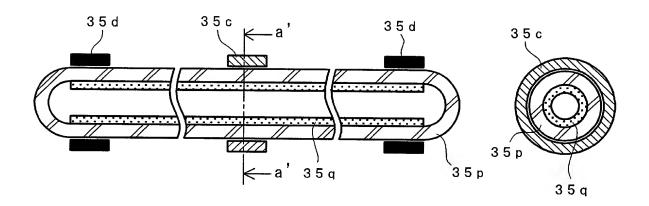


FIG. 14B

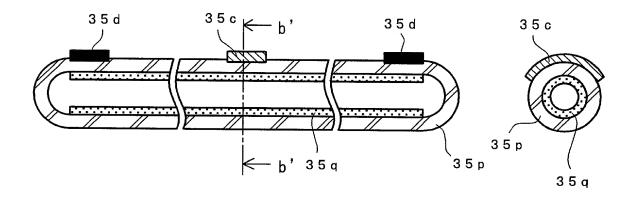


FIG. 14C

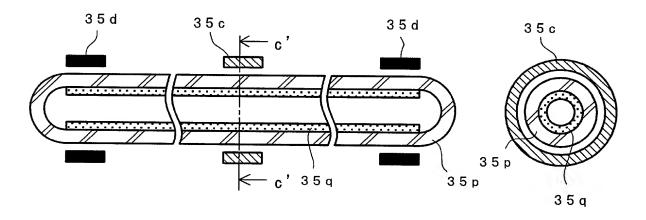


FIG. 15A

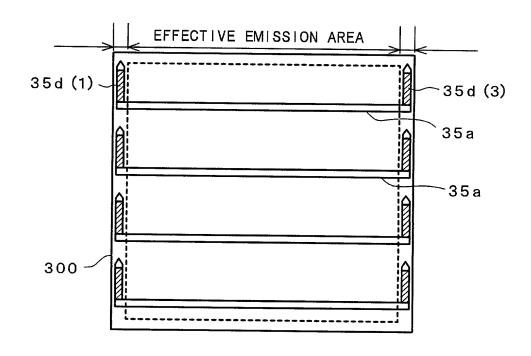


FIG. 15B 35d (1) 35d (3)

FIG. 16A

FIG. 16B

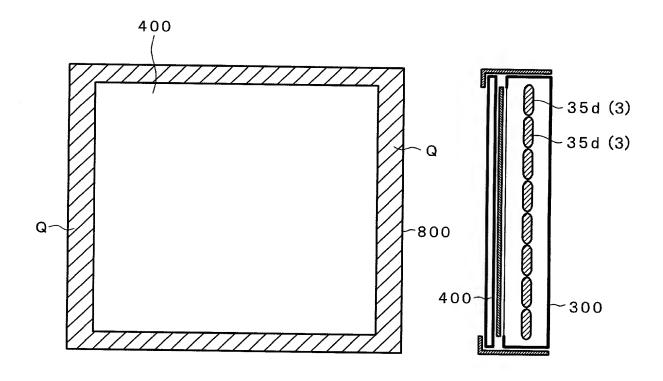


FIG. 16C

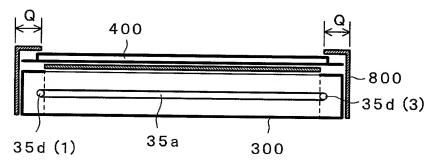


FIG. 17

LAMP LENGTH (DISTANCE BETWEEN ELECTRODES: CONSTANT AT 300mm), ONE EXAMPLE AT DRIVING FREQUENCY OF ABOUT 50 kHz

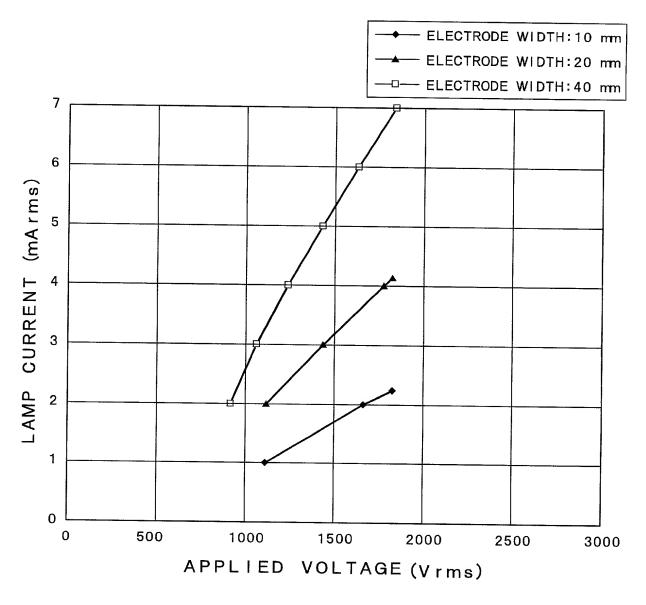
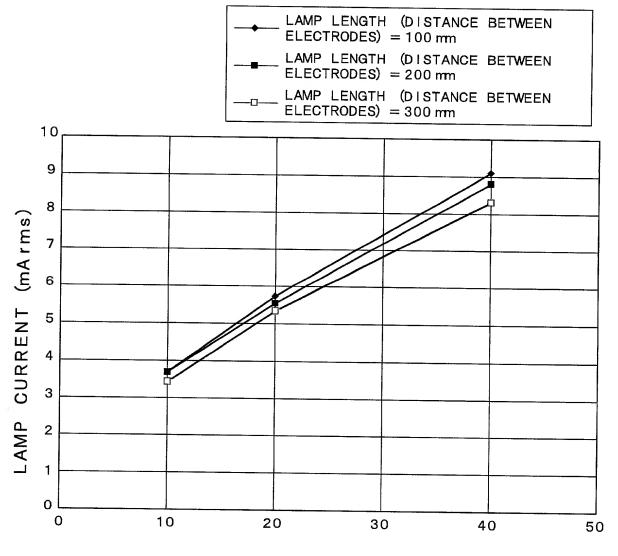


FIG. 18

APPLIED VOLTAGE: CONSTANT AT 1920 V, ONE EXAMPLE AT DRIVING FREQUENCY OF ABOUT 50 kHz

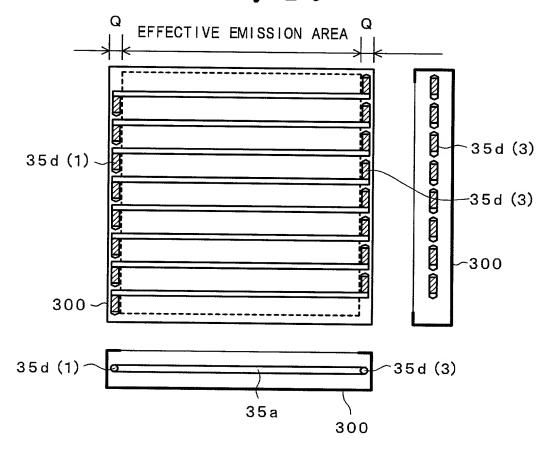


WIDTH OF EXTERNAL ELECTRODE (mm)

FIG. 19



FIG. 20



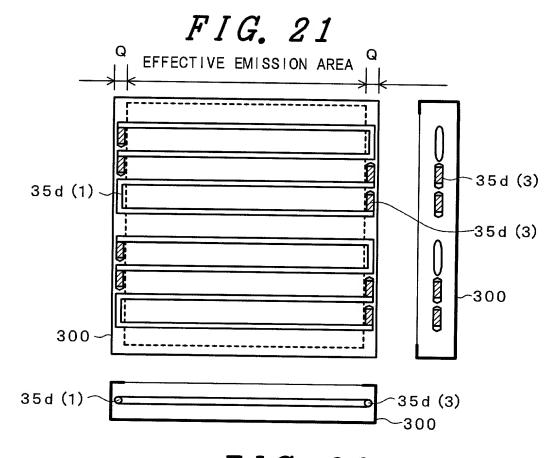
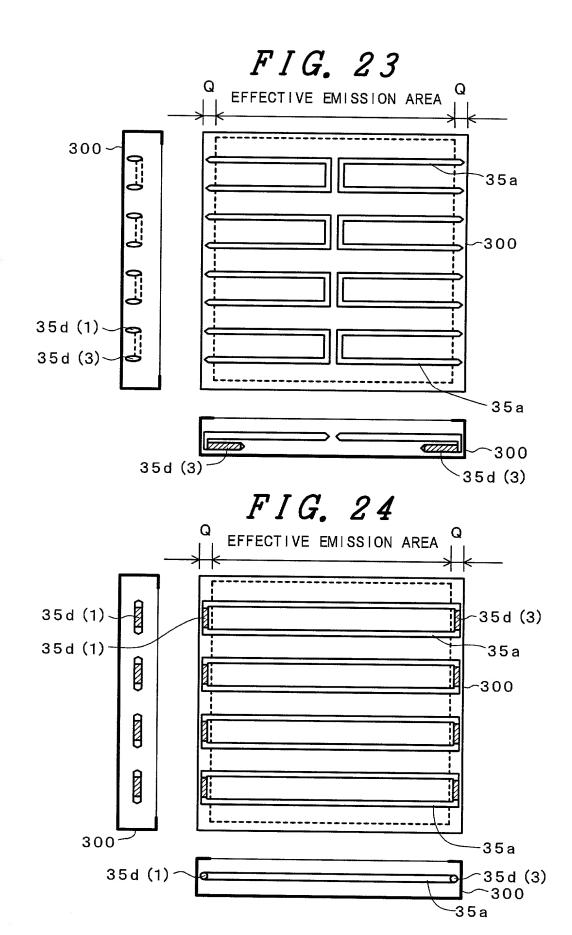
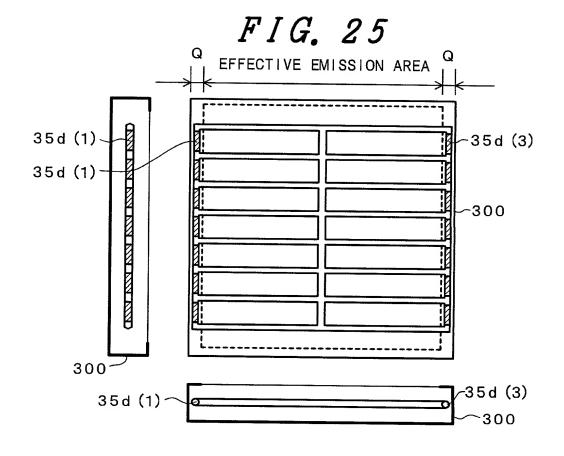


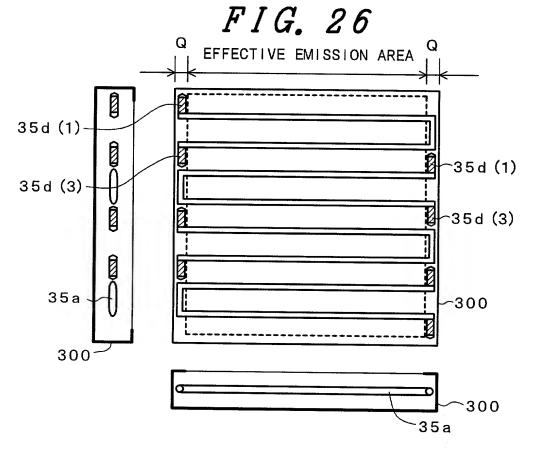
FIG. 22

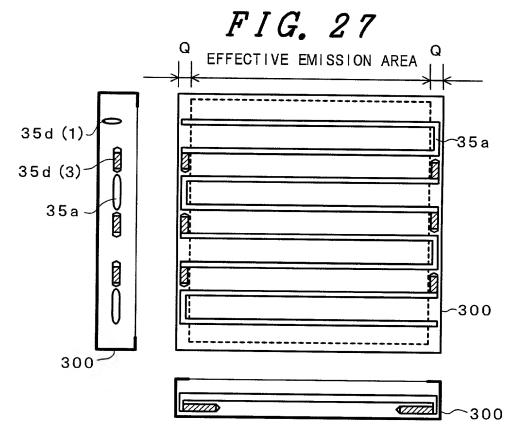
EFFECTIVE EMISSION AREA

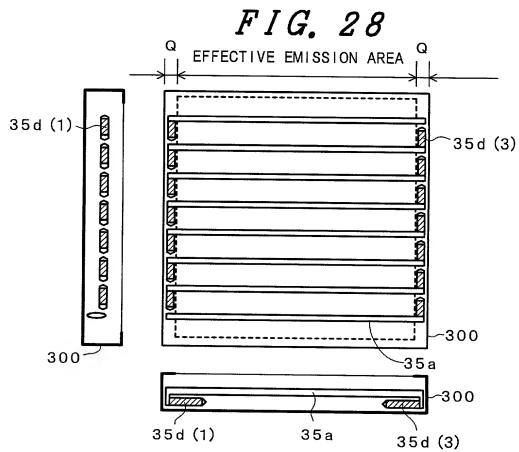
35d (1)
35d (3)
35d (3)
35a
35a
35a











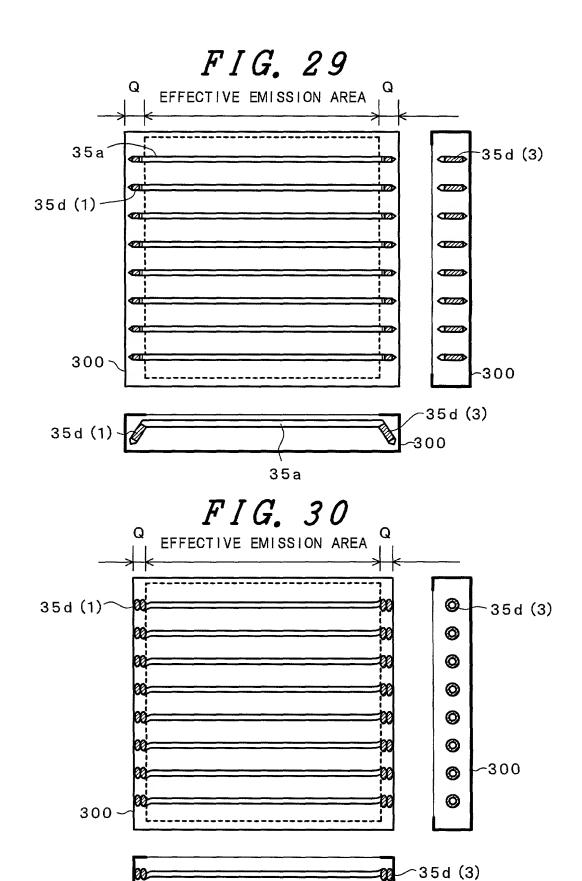
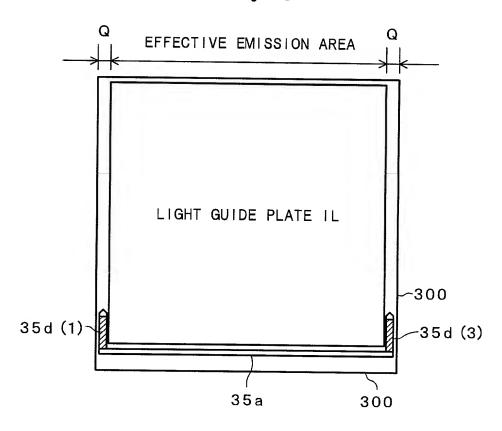


FIG. 31



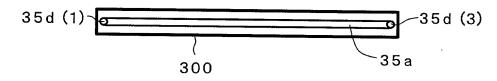


FIG. 32

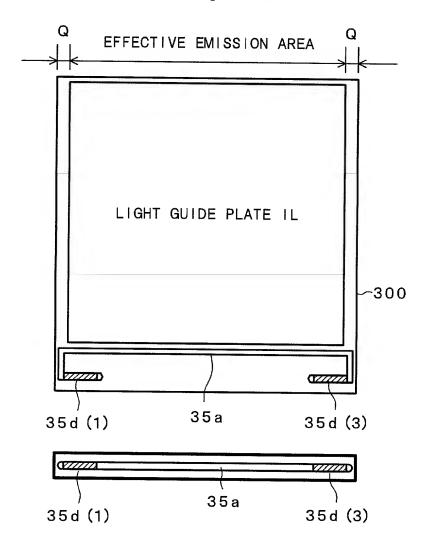


FIG. 33

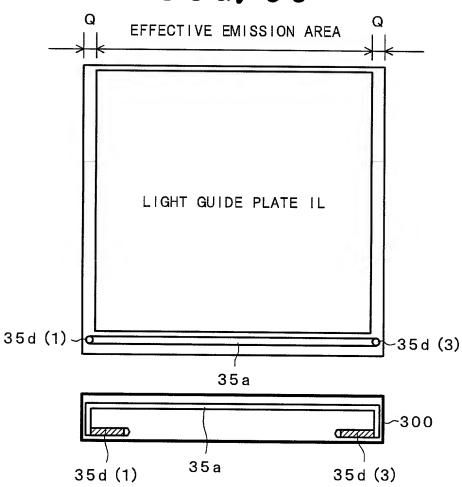
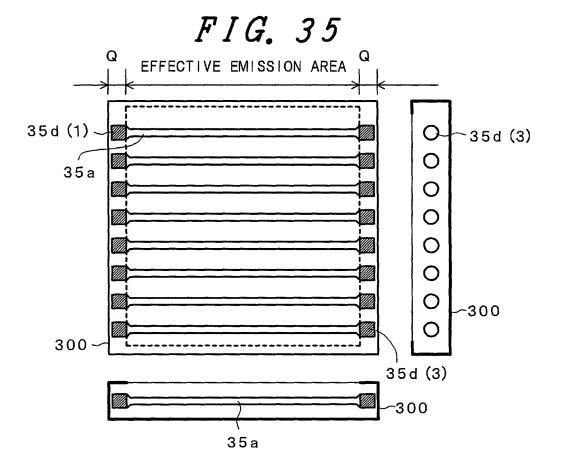
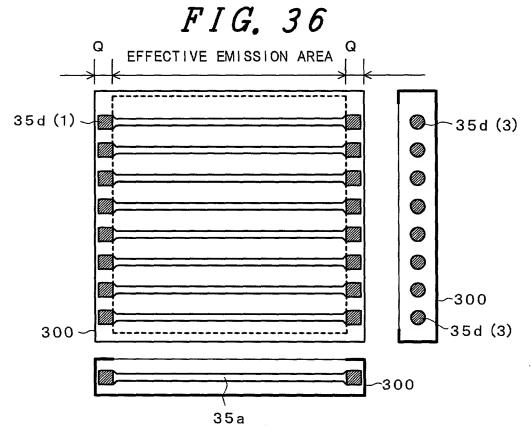
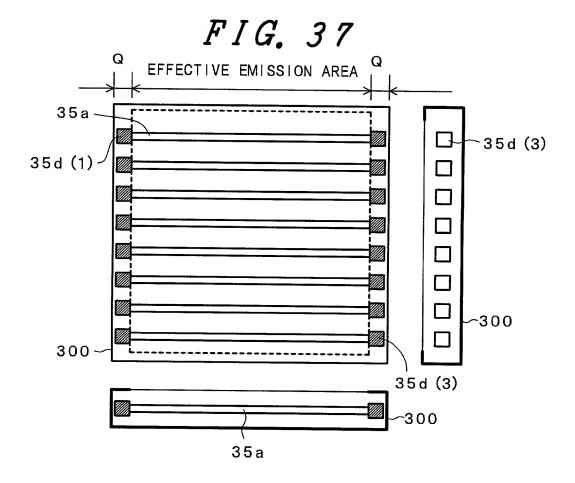


FIG. 34
35d (3)
35d (3)
35d (3)







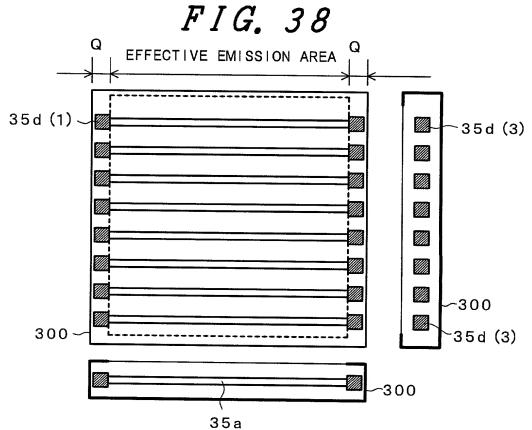


FIG. 39A

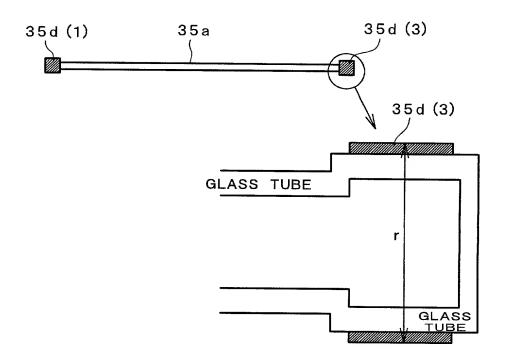


FIG. 39B

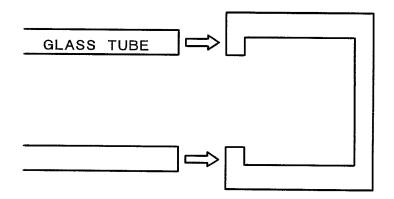


FIG. 40

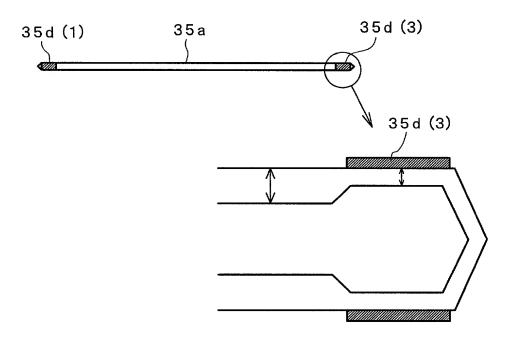


FIG. 41

